



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

C007770

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: DECEMBER 2025

OWNER OF OPERATOR (Co.#629)

Specialty Minerals, Inc
6565 Meridian Road
Lucerne Valley, CA 92356

EQUIPMENT LOCATION (Fac.#262)

Specialty Minerals, Inc
6565 Meridian Road
Lucerne Valley, CA 92356

Description:

BAGHOUSE - DCL 94 consisting of: a Mikro Pulsaire Model 196S-8-20 TR "C" baghouse equipped with 196 polyester bags totaling 1950 square feet of filter area and a 40 hp fan generating 11,000 acfm through the bags (for an air to cloth ratio of 5.6:1). This baghouse serves the Feed System to Blender Storage (District Permit B002303). This unit has the following pickup points: CBE19 (head), CBE20 (head and trip discharge), CBE25 (head), CBE26 (head and trip discharge), CBE35 (head), CBE34 (head), CBE38 (tail), CBE 56 (tail), CBE58 (tail), and CBE67 (head and tail).

CONDITIONS:

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.

[District Rule 1302(B)(1)(a)]

2. This baghouse shall operate concurrently with the Feed System to Blender Storage (B002303) and Glass Sand Feed System (B000664).

[District Rule 1302(B)(1)(a)]

3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
- Quarterly bag and bag suspension system inspection date and results;
- Quarterly reading of baghouse pressure drop, date and value;

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1422

SCC: 30502006

Location/UTM(Km): 508E/3803N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Specialty Minerals, Inc
P.O. Box 558
Lucerne Valley, CA 92356

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

d. Date of bag replacements; and,
e. Date and nature of any system repairs.
[District Rules 401; 40 CFR 60.672(a)]

4.This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

5.This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity.
[40 CFR 60.672(a)(2)]

6.This baghouse shall discharge no more than 0.94 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT).
[District Rule 404; more stringent grain loading is BACT based (1303(A))]

7.The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
[District Rule 1302(B)(1)(a)]

8.The o/o shall conduct a periodic compliance test for PM10 (USEPA Method 5 or equivalent). Testing shall be performed at a minimum once each 60 months starting in 2001. The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/source test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.

9.The o/o shall install and maintain a device which measures the pressure differential across the bags (manometer).
[District Rule 1302(B)(1)(a)]

10.A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]